

**MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
INTELLIGENT TRANSPORTATION SYSTEMS COMMITTEE**

April 5, 2006
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Debbie Burdette, City of Glendale	Bruce Dressel, City of Scottsdale
*Alan Sanderson, City of Mesa	Jim Decker, City of Tempe
Mike Mah, City of Chandler	Tim Wolfe, ADOT (On Phone)
*Bruce Ward, Town of Gilbert	Ron Amaya, City of Peoria
Faisal Saleem for Nicolaas Swart, Maricopa County	Scott Nodes, City of Goodyear
Ron Doubek, City of Phoenix	Mary Kihl, ASU
Mike Nevarez for Bob Ciotti, RPTA	Alan Hansen, FHWA
*Mike Lockhart, DPS	*Dennis Murphy, Phoenix Aviation
Nick Mascia, City of Surprise	Kelly LaRosa, City of Avondale
*Carrol Reynolds, Town of Buckeye	*BJ Cornwall, City of El Mirage
	Mark Young for Mike Shine Town of Queen Creek (On Phone)

OTHERS PRESENT

Lydia Warnick, ADOT	Dan Baxter, DKS
Debra Barker, ADOT	Blue Crowley
Doug McCants, PBS&J	Kiran Guntupalli, MAG
Prerre Pretorius, KHA	Leo Luo, MAG
Farzana Yasmin, ADOT	

*Not present or represented by proxy

1. Call to Order
Acting Chairman Mike Mah called the meeting to order at 10:02 AM.
2. Approval of March 1, 2006 Meeting Minutes and Introductions
Ron Doubeck moved to approve minutes, Scott Nodes seconded and it was unanimously carried to approve the minutes of the March 1, 2006 ITS Committee meeting.
3. Call to Audience
Acting Chairman Mah made a call to the audience providing an opportunity to members of the public to address the ITS Committee. Blue Crowley described a program that was on Channel 8 on the implementation of ITS. He emphasized the need for inter-modal connections in the transportation system such as the transfer between light rail and bus, the consideration of pedestrians and bicyclists.

4. Program Managers Report

- ITS On-call Contracts

Kiran Guntupalli mentioned that MAG is in the process of obtaining hourly rates from consultants on ITS On-call list to sign contracts.

5. Freeway Management System (FMS) White Paper and Funding Proposal

Tim Wolfe briefed the status of FMS White Paper and Funding Proposal. He reported that TRC felt that some of the immediate needs of the region were not adequately addressed in the white paper. The White Paper was returned to the ITS committee for modifications and will be presented to TRC at a future time. He mentioned that some specific short-term needs were identified. One is the West Valley Special Event Management. ADOT is planning to submit a request of 1 million dollars for the year-end closeout funds. If the request is approved, the 1 million dollars will be added to the current FMS funding to meet the need of West Valley Special Event Management. The other need in west valley is the I-10 beyond the outer loop between loop 101 and loop 303. They will try to shift a small amount of funding from other current programs to install DMS and camera. The White Paper will not be presented to TRC until the closeout process is finished, which is about 2 to 3 months. He also mentioned that the TRC positively support the contents in the White Paper, especially the concept of allocating more funding to the rehabilitation. The only concern of TRC is that the contingent needs of the region should be reflected from the White Paper. Debbie Burdette asked what if the closeout funding request is not approved. Will part of the projects proceed with the previous assigned funding? Tim answered that if the request is not approved, some projects may have to be taken out of the White Paper. Mike Mah confirmed with Tim Wolfe that the White Paper will be brought back to the ITS committee in August when the close out process is finalized. Debra Barker asked if ADOT would make the submittal for the 1 million dollars. Tim Wolfe answered that ADOT will make the submittal in conjunction with City of Peoria and City of Glendale. Debbie Burdette mentioned that they had an original copy of the submittal. They need to update the cost and scope of the project. Farzana Yasmin from ADOT distributed a handout with a map showing the planned location of the DMS and CCTV camera on loop 101.

6. Pilot Project on Traffic Signal Pre-emption Using Automatic Vehicle Location

Mike Mah handed out notes for MAG/TIP project, 'the Fire Automated Vehicle Locator (AVL) Signal Pre-emption Study and Pilot Program'. He then proceeded to introduce the scope, funding and status of the project. The project involves City of Chandler, Tempe, Mesa and Town of Gilbert. The total funding is \$400,000. He stated that the cities met last month to discuss the project. Town of Gilbert did not attend this meeting. Some cities felt that AVL technology has the potential to reduce the impact of pre-emption on the signal system and is worth pursuing. Others felt that the technology had not progressed sufficiently since 2001, and there are no readily available packages that could deliver the stated scope of the project. As a result, City of Mesa would like to continue the AVL pilot project using about 50% of project funding. City of Chandler and other cities would like to reallocate the other 50% of project funding to enhance their existing Opticom systems by adding coded operation. Mike Mah also mentioned that it was suspected that there was illegal use of the signal pre-emption making it necessary to incorporate the coded operation into existing signal pre-emption. City of Chandler requested the approval of the ITS committee to adjust the scope and reallocate the funding before submitting to TRC. Debbie Burdette confirmed with Mike Mah that there is sufficient funding for doing both of the proposed projects. Debbie Burdette also expressed the concerns about limitations on how to spend this funding. Mike Mah stated that the

changed scope still addresses the Fire Signal Pre-emption. Alan Hansen commented that it should be able to get approval. Jim Decker asked if they can keep the original scope by adding the coded operations. Mike answered that about 50% of the equipment in Chandler are not compatible with coded operation. By updating these equipment, the fire trucks of Chandler will be able to activate the traffic signals of Mesa. Debbie Burdette asked if the funding would also cover Tempe and Gilbert since it is a joint project for all of the four cities. Mike Mah answered that Tempe already has the new equipments. Although Gilbert is not present, the funding will certainly cover Gilbert if they decide to join at a later time. ***Jim Decker moved to approve the request of changing the scope and allocation of the funding for this project, Debbie Burdette seconded and it was unanimously carried to approve the request of changing the scope and allocation of the funding for the Fire Automated Vehicle Locator (AVL) Signal Pre-emption Study and Pilot Program.***

7. FHWA's Integrated Corridor Management System Request for Applications

Faisal Saleem stated that FHWA released a RFA for Integrated Corridor Management project, and has 60 days to respond. He called for the assistance and coordination from committee members. Pierre Pretorius of KHA made a presentation on this topic. He briefly introduced the background of the RFA, the potential candidate corridors in the region, ICM program schedule, funding, RFA requirements and timeline. He also urged help from committee members for input to network operations, characteristics. He also needed help to identify information on key agency staff that will be part of ICM Steering Committee and Project. A core group working session will be held on April 27th from 1:00pm to 4:00pm in ADOT to review the developed documents for the RFA. Pierre Pretorius also said that the data for this project needed to be collected by April 13th. The final document will be submitted to FHWA on May 12. Pierre Pretorius mentioned that request for data will be sent out soon to the participating partners. Mike Mah asked if the \$200,000 funding is for study or for implementation. Pierre Pretorius stated that about \$280,000 funding is just for the documentation of concept of operation. Mary Kihl from ASU asked what kind of data is needed for the project. Pierre Pretorius answered that they would need to know the application level information such as detector information, traffic signal system in the each of the jurisdictions etc., Scott Nodes asked who would be the lead agency of this project. It was suggested that ADOT might be the lead agency.

8. Status Reports by Committee Members of ITS Activities

Mary Kihl reported that ASU is in the process of recruiting two new professors who will join transportation program. Faisal Saleem of MCDOT reported the progress of Bell road ITS project and about 90% of construction is completed. The integration phase will follow. Kelly LaRosa of Avondale reported that the wireless ATMS project is under construction and on schedule. The red light running camera project began issuing tickets. Debbie Burdette of Glendale mentioned that they are submitting fiber backbone plans to ADOT. Signal heads will be connected to the central control center by fiber optical cable. She also mentioned about the north area fiber project consisting 11 miles of fiber, 24 intersections and another project with CCTV cameras, 5 miles of fiber, signal heads and DMVs. Debbie Burdette stated that two new positions would be available in Glendale of which one will be on the ITS side. Ron Amaya mentioned that Peoria is working on Traffic Signal System installation. They requested ADOT to change the statewide traffic signal system to include new components that will be installed with the traffic signal system. He also said that they are in the process of designing new traffic management center, which is also an alternative ADOT TOC. Mark Young of Queen Creek reported that they had the RFP out for the ITS

master plan. He also mentioned that they looking for a transportation engineer. Alan Hansen of FHWA in general is against sole sourcing a product. He mentioned that some projects are held up at ADOT procurement for the above-mentioned reason. Mike Mah of Chandler reported to the committee that traffic-engineering department in Chandler is recommending four new positions to the Council. He also mentioned that Director of Public Works in Chandler announced his retirement.

9. Next Meeting Date

Next meeting date was announced as 10:00 AM on Wednesday, May 3, 2006.

10. Adjournment

Acting Chairman Mike Mah adjourned the meeting at 11:25 AM